

### REMARKS

Reconsideration and allowance in view of the foregoing amendments and the following remarks is respectfully requested.

#### Claim Status

Claims 1 and 5 are amended. Claims 1, 3-6 and 8-13 remain pending in the application.

#### Rejections under 35 USC § 101

The rejection of claims 5-6 are 12-13 under 35 USC § 101 as being directed to non-statutory subject matter is overcome by the amendments to claim 5 which call for a device for user-system interaction independent of an application and of interaction media in hardware having at least one man/machine interface, at least one applications server and one database.

#### Rejections under 35 USC § 112

The rejection of claims 5-6 are 12-13 under 35 USC §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention, is overcome by the amendment to claim 5 which obviate the issue raised by the use of "all interaction representations."

#### Rejections under 35 USC § 103

The rejection of claims 1, 3-6 and 8-13 under 35 USC §103(a) as being unpatentable over De Angelo (US 7010536) in view of SematicEdge, GmbH (WO 02073331), is respectfully traversed.

As previously asserted, De Angelo "discloses a plurality of containers (whereas we claim a single container) the purpose of which is the creation and manipulation of information (see e.g. column 1, "field of the Invention"). Moreover, a first container may comprise a plurality of other containers (see e.g. figure 3B)", and "Therefore, the known containers comprise, among others, a historical container logging the history of the

interaction of that container with other containers (column 3, last paragraph), but not at all an interaction with the user and the system". Since, the claimed interactions are those between the user and the system, our claims are clearly addressed to a system that is completely different from that disclosed in De Angelo.

On the other hand, Semantic Edge merely discloses a method for supervising a human-system dialogue, and fails to disclose or suggest the architecture of the middleware of such a system. Therefore, even when combined with De Angelo, this reference fails to suggest the claimed 4-tier architecture for implementing a user-system interaction (since, as written here-above, De Angelo merely discloses interactions between different containers).

Conclusion

All objections and rejections having been addressed, it is respectfully submitted that the present application should be in condition for allowance and a Notice to that effect is earnestly solicited.

Early issuance of a Notice of Allowance is courteously solicited.

The Examiner is invited to telephone the undersigned, Applicant's attorney of record, to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 CFR § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

**LOWE HAUPTMAN HAM & BERNER, LLP**

A handwritten signature in black ink, reading "Kenneth M. Berner". The signature is written in a cursive, flowing style.

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